

Figure 1

MTIGEMLR SFLT KLEWFSTLFPRI PVPVQKNIDQQIKTRPRKI
KKDGKEGAEEIDRHVERRRSRSPRRSLSPRRSPRRSRSSH
REGHGSSSFDRELEREKERQRLEREAKEREKERRRSRSIDRG
LERRRSRSRERHRSRSRSRDRKGDRRDRDREREKENERGRR
RDRDYDKERGNEREKERERSRERSKEQSRGEVEEKKHKED
KDDRRHRDDKRDSKKEKKHSRSRSRERKHRSRSRSRNAGKR
SRSRSKEKSSKHKNESKEKSNKRSRSGSQGR TDSVEKSKKR
EHSPSKEKSRKRSRSKERSHKRDHSDSKDQSDKHDRRRSQSI
EQESQEKQHKNKDETV Stop

Figure 2

ACGCGGGGTTTCCAATTATTTGTTTCATTTATTTATTTTCTACATAACTAAATTAGAAACCTCACTGCTTCAT
 GGCAGTTGGTTTGCTATTGCTTCCAGTTTTATTAGGGCTTCATTTTATATTAGAGCTGTAAAAGATAACCT
 TTAGACAGGAATTATCTAAAGTAGACATTTTATATTAGAGCTGTAAAAGATAACCTTTAGACAGGAATTAT
 CTAAGTAGATCATATGTAGCTAGGTTATGGTGCAAGGTGTATGATGTGTGCAAAATATGTCCACAGAAATAA
 ATACATAGTAGGTATGTGGAATGTAAATTTAAGTCAATCGTTCCGCATAGTTTAGAAATGTAAGGGGCTTTT
 TCATATTGTTAACTGAGTGAGATCAGTTCCTTTATGCCTGTGAGGCTGCAGGGTTTGTCTCATTGTCATG
 CACACACTAAGCCCAAAATATTTCTGTTTCATTTCATTGTCAGATCAGGATATGAAAATAAAATTTTTCTGTTAG
 TTTTTTTTGTATTGAGATTCCAAAGATGGTAATATTTTTTATAATATTCATGTATATATGGAAATACTTTTTT
 TGACGGCTAGGGTATCTTTTGTGTTTCTGTAGGACCTAGATGTGAAGGCTGGTGGAGGCTGTGTA
ATGACCATTGGAGAAATGCTACGATCTTTTCTCACAAAACCTGGAGTGGTTTTCTACCTTGTTCCTCAAGAATT
 CCAGTTCCAGTTCAAAAAGAAATATTGATCAACAGATTAAAAACCCGACCTAGAAAAATCAAGAAAGATGGGAAG
 GAAGGTGCTGAGGAAATAGACAGACATGTTGAACGCAGACGTTCAAGGTCTCCAAGGAGATCTCTGAGTCCA
 CGGAGSTCCCCAAGAAGGTCAAGAAGTAGAAGTCATCATCGGGAGGGCCATGGGTCTTCTAGTTTTGACAGA
 GAATTAGAAAGAGAGAAAGAACGCCAGCGACTAGAGCGTGAAGCCAAAGAAAGGGAGAAAGAA
CGGCGAAGATCCCCAAGTATTCACCGGGGGTTAGAACGCAGGCGCAGCAGAAGTAGGGAAAGGCATAGAAGT
 CGCAGTCGAAGTCGTGATAGGAAAGGGGATAGAAGGGACAGGGATCGAGAAAGAGAGAAAGAAAATGAGAGA
 GGTAGAAGACGAGATCGTGACTATGATAAGGAAAGAGGAAATGAACGAGAAAAAGAGAGAGAGCGATCAAGA
 GAAAGGTCCAAGGAACAGAGAAGTAGGGGAGAGGTAGAAGAGAAGAAACATAAAGAAGACAAAGATGATAGG
 CGGCACAGAGATGACAAAAGAGATTCCAAGAAAGAGAAAAAACACAGTAGAAGCAGAAGCAGAGAAAGGAAA
 CACAGAAGTAGGAGTCGAAGTAGAAATGCAGGGAAACGAAGTAGAAGTAGAAGCAAAGAGAAATCAAGTAAA
 CATAAAAATGAAAGTAAAGAAAAATCAAATAAACGAAGTCGAAGTGGCAGTCAAGGAAGAACTGACAGTGT
 GAAAAATCAAAAAACGGGAACATAGTCCCAGCAAAGAAAAATCTAGAAAGCGTAGTAGAAGCAAAGAACGT
 TCCCACAAACGAGATCACAGTGATAGTAAGGACCAGTCAGACAAACATGATCGTCGAAGGAGCCAAAGTATA
 GAACAAGAGAGCCAAGAAAAACAGCATAAAAACAAAGATGAGACTGTG
TGAAAATATTTTGTAAAAGTGGATCACATTGAATCCTATAAATGATTAAATCTGCTTTTTTCCCCACGTTG
 AGATTGTGCAGTAGTTCGCACTCCTCAAGCTCTCCCTGTAGGCTGCATTTTCATTTCTCTTTCTGTAGGG
 AAGTGCCTTTGTAATTCCATTTATTGCATTGGTGTGTTTACCCAATTGTTAAGTTTGATACATGATGCACAG
 ATTGTTCTGCATTTTTATTGTTTGTGTTTGAAGTGTACAGTCTGTACATATGTCCTGAAAATGTTTAAAT
 CTTTGGCATGTTTACCATGTTGGTTAAATTTGTATAAGGCAATAAACTGCCACTAATCCNAAAAAAAAAAAA
 AAAA

Start codon (ATG) and stop codon (TGA) underlined

FIGURE 3

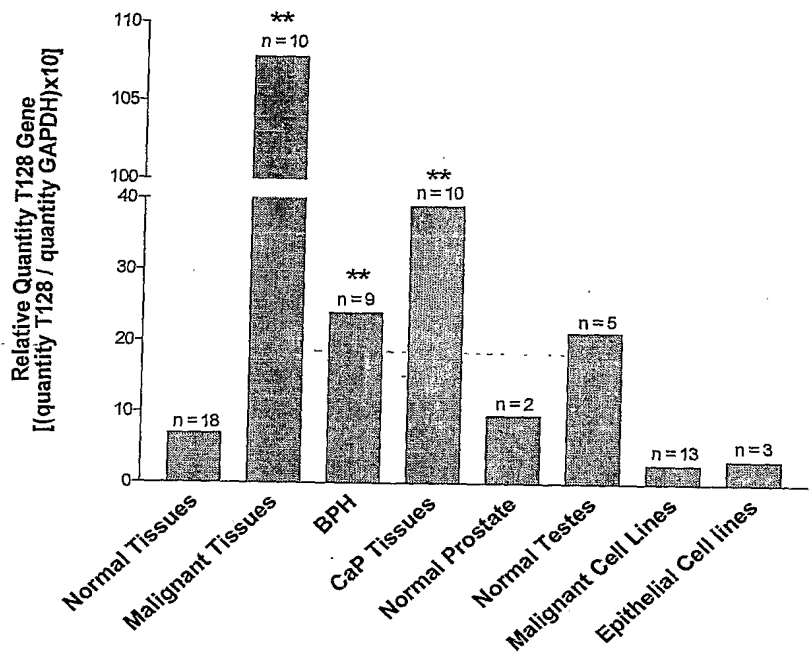


FIGURE 4

